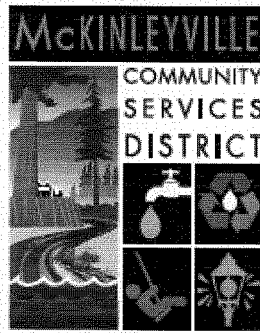


PHYSICAL ADDRESS:

1656 SUTTER ROAD
McKINLEYVILLE, CA 95519

MAILING ADDRESS:

P.O. BOX 2037
McKINLEYVILLE, CA 95519



mckinleyvillecsd.com

MAIN OFFICE:

PHONE: (707) 839-3251
FAX: (707) 839-8456

PARKS & RECREATION OFFICE:

PHONE: (707) 839-9003
FAX: (707) 839-5964

R.W.Q.C.B. NORTH COAST REGION
5550 SKYLANE BLVD., SUITE A
SANTA ROSA, CA 95403

October 23, 2014

RE: MONTHLY MONITORING REPORT

Dear Charles:

Enclosed is the Monthly Monitoring Report for September 2014 for McKinleyville Community Services District Wastewater Management Facilities WDID NO. 1B82084OHUM, operating under Order Number WQ 2011-0008-DWQ.

The normal discharge of effluent was 30 days discharge to reclamation M-004, 5, 6 & 7 and land disposal M-003. The required monitoring and water quality constituents that were tested and reported were in compliance in September 2014.

The requirement for BOD is 45 mg/L monthly average and 65 % removal for the weekly average with four weekly tests in September that represent five criteria. The BOD results for September are in compliance.

The requirement for TSS is 83 mg/L monthly average with four weekly tests in September which represent one criteria. The TSS results for September are in compliance.

The requirement for Nitrate as Nitrogen in the effluent is a monthly average of 10 mg/L. One test was conducted in September and was in compliance.

Total Coliform Organisms MPN/100 ml. The Monthly Median not to exceed MPN of 23 and the daily maximum not to exceed MPN of 230. The reported results for the month of September are as follows. Median was <1.8 and a Maximum of <1.8. Five samples were collected in the month of September and were in compliance.

Monthly River Monitoring was conducted in September.

WWMF Upgrade Status: Biosolids removal in Pond 1A and Pond 1B is 100% completed.. Approximately 600 dry tons was removed from Pond 1A and 300 dry tons from Pond 1B. The biosolids removal was completed by October 10th.

The District is expecting to receive the 90% design to review in the next 2 weeks.

McKINLEYVILLE COMMUNITY SERVICES DISTRICT WASTEWATER MANAGEMENT FACILITY EFFLUENT DISCHARGE DISPOSAL

SEPTEMBER 2014

Discharge Monitoring				002	002	004	003	006	005	001		
	M-INF	M-001		M-003	M-003	M-005	M-004	M-007	M-006		M-002	
	DATE	INFLUENT MGD	EFFLUENT MGD	MAXIMUM GPM	N.POND MGD	S.POND MGD	FISCHER MGD UPPER	FISCHER MGD LOWER	PIALORSI MGD	HILLER MGD	IRRGATE TOTAL MGD	RIVER MGD
1	0.846	0.524	372		0.524						0.000	0.000
2	0.767	0.669	1133		0.190	0.273	0.096	0.110			0.479	0.000
3	0.754	0.644	917			0.293	0.106	0.245			0.644	0.000
4	0.750	0.632	1251			0.343	0.046	0.243			0.632	0.000
5	0.747	0.535	917		0.271	0.090	0.044	0.130			0.264	0.000
6	0.781	0.491	348		0.491						0.000	0.000
7	0.849	0.483	342		0.483						0.000	0.000
8	0.780	0.683	928		0.185	0.293	0.090	0.115			0.498	0.000
9	0.762	0.824	1420			0.483	0.089	0.252			0.824	0.000
10	0.774	1.106	1175			0.823	0.039	0.244			1.106	0.000
11	0.761	1.096	1120			0.813	0.042	0.241			1.096	0.000
12	0.762	1.088	1130		0.289	0.624	0.038	0.137			0.799	0.000
13	0.774	0.513	370		0.513						0.000	0.000
14	0.846	0.509	360		0.509						0.000	0.000
15	0.771	0.897	1357		0.184	0.398	0.037	0.278			0.713	0.000
16	0.757	1.288	1370			0.809	0.036	0.443			1.288	0.000
17	0.770	1.056	1026			0.758	0.043	0.255			1.056	0.000
18	0.767	1.124	1195			0.831	0.040	0.253			1.124	0.000
19	0.763	0.949	1158		0.254	0.515	0.041	0.139			0.695	0.000
20	0.781	0.456	326		0.456						0.000	0.000
21	0.846	0.445	314		0.445						0.000	0.000
22	0.760	0.767	1193		0.174	0.382	0.091	0.120			0.593	0.000
23	0.740	1.153	1191			0.794	0.100	0.259			1.153	0.000
24	0.890	1.306	1403			0.970		0.254	0.082		1.306	0.000
25	0.801	1.116	1231			0.960			0.156		1.116	0.000
26	0.783	0.743	671		0.301	0.352			0.090		0.442	0.000
27	0.811	0.565	401		0.565						0.000	0.000
28	0.862	0.564	398		0.564						0.000	0.000
29	0.787	0.758	898		0.214	0.324	0.101	0.119			0.544	0.000
30	0.794	1.062	987			0.710	0.106	0.246			1.062	0.000
31											0.000	0.000
TOTAL	23.636	24.046		0.000	6.612	11.838	1.185	4.083	0.328		17.434	0.000
AVERAGE	0.788	0.802	897	0.000	0.367	0.564	0.066	0.215	0.109		0.562	0.000
MAXIMUM	0.890	1.306	1420	0.000	0.565	0.970	0.106	0.443	0.156		1.306	0.000
MINIMUM	0.740	0.445	314	0.000	0.174	0.090	0.036	0.110	0.082		0.000	0.000
DAYS	30	30		0	18	21	18	19	3		21	0
DAYS WITH NO DISCHARGE = 0												

McKINLEYVILLE COMMUNITY SERVICES DISTRICT
WASTEWATER MANAGEMENT FACILITY
MONITORING DATA

MONTH: SEPTEMBER

YEAR: 2014

DATE	INFLUENT FLOW M.G.D.		EFFLUENT FLOW M.G.D.		RIVER CFS	INFLUENT MONITORING		EFFLUENT MONITORING							3X5 TOTAL COLIFORM	
	INFLUENT FLOW M.G.D.	INFLUENT FLOW M.G.D.	EFFLUENT FLOW M.G.D.	EFFLUENT MAXIMUM GPM		B.O.D. mg/L	N.F.R. mg/L	pH	(C°) TEMP	B.O.D. mg/L	NFR mg/L	AMMONIA	CL₂ RES.	RIVER CL₂ RES		SETTLABLE SOLIDS
1	0.846	0.524	0.524	372				6.9	18.8			30	2.3			<1.8
2	0.767	0.669	0.669	1133				6.8	18.6			28	7.7			
3	0.754	0.644	0.644	917				6.9	18.3			26	3.0			
4	0.750	0.632	0.632	1251				6.8	18	12	11	32	2.6		<0.1	
5	0.747	0.535	0.535	917		300	422									
6	0.781	0.491	0.491	348												
7	0.849	0.483	0.483	342												
8	0.780	0.683	0.683	928				6.9	17.7			30	3.0			<1.8
9	0.762	0.824	0.824	1420				6.8	17.7			30	2.8			
10	0.774	1.106	1.106	1175				6.8	17.5			32	4.7			
11	0.761	1.096	1.096	1120				6.9	17.6			28	5.6			
12	0.762	1.088	1.088	1130		380	400	6.8	17.3	4.6	12	32	5		<0.1	
13	0.774	0.513	0.513	370												
14	0.846	0.509	0.509	360												
15	0.771	0.897	0.897	1357				6.8	17.5			32	4.4			<1.8
16	0.757	1.288	1.288	1370				6.9	17.5			32	0.4			
17	0.770	1.056	1.056	1026				6.8	18.0			34	4.0			
18	0.767	1.124	1.124	1195				6.8	18.5			32	1.8			
19	0.763	0.949	0.949	1158		490	510	6.8	18.6	37	25	32	0.4		<0.1	
20	0.781	0.456	0.456	326												
21	0.846	0.445	0.445	314												
22	0.760	0.767	0.767	1193												
23	0.740	1.153	1.153	1191				6.8	19.1			32	0.8			<1.8
24	0.890	1.306	1.306	1403				6.8	21.6			32	1.5			
25	0.801	1.116	1.116	1231				6.8	19.4			32	1.6			
26	0.783	0.743	0.743	671				6.9	18.4			28	0.1			
27	0.811	0.565	0.565	401		310	250	6.7	18.3	19	22	30	1.7		<0.1	
28	0.862	0.564	0.564	398												
29	0.787	0.758	0.758	898				6.8	18.4			28	2.6			<1.8
30	0.794	1.062	1.062	987				6.7	18.5			28	2.2			
31																

SPILLS:

None to report

DATE	MONTHLY TESTS			
	TDS	AMMONIA	NITRATE	BORON
9/30/2014	400	42.0	ND	330

Semi-Annual Tests		Value in ug/l
Bis phthalate		N/A
alpha-BHC		N/A
4,4' -DDT		N/A
carbon tetrachloride		N/A

Quarterly Tests		Value in ug/l
Dichlorobromomethane		N/A
Bromoform		N/A
Chlorodibromomethane		N/A
Chloroform		N/A

ACUTE TOXICITY

DATE	% Survival
	N/A
	N/A
	N/A

Rainbow Trout
C. dubia

CHRONIC TOXICITY	
TESTED	SURVIVAL
Minnow	N/A
C. Dubia	N/A
Algae	N/A
	TUc

SIGNATURE: _____

REMARKS:

Indicates Permit Exceedance

Total Coliform	
Monthly	
MEDIAN	<1.8
Daily	
Maximum	<1.8